

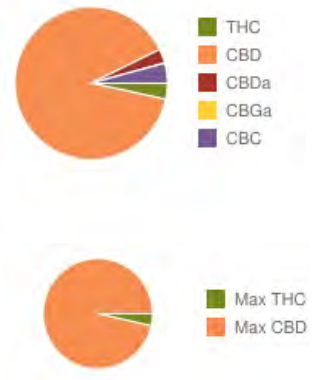


Test report: MCT Tincture C =

Client:	Green River Botanicals
Client contact:	
Strain:	unknown
Sample Type:	MIP
Batch:	NA
Analyst:	JW/AL/MS
Authorization:	MK
Product ID:	S19-01117
Receipt Date:	1/10/2019
Test Date:	01/15/2019

Cannabinoid Profile per Serving

Serving Size		30 mL, 29690mg
Cannabinoid	mg per serving	Weight %
THC	57.90mg	0.2%
CBD	1,529.63mg	5.2%
CBN	Not detected	Not detected
THCa	Not detected	Not detected
CBDa	51.07mg	0.2%
Δ-8 THC	Not detected	Not detected
CBGa	1.19mg	0.0%
THCv	Not detected	Not detected
CBDv	Not detected	Not detected
CBC	71.85mg	0.2%
Total	1,711.64mg	5.8%
Max THC	57.90mg	0.2%
Max CBD	1,574.32mg	5.3%



MCR Labs, LLC 85 Speen Street Framingham, MA 01701
 508.872.6666 info@mcrlabs.com www.mcrlabs.com

Analytical Test Report

Client: Green River Botanicals	Final Report MCR-S1901117 Rev.01.00 Report Date: 19 JANUARY 2019	Laboratory: MCR Labs 85 Speen St. Lower Level Framingham, MA 01701 508-872-6666
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Sample ID #	Sample Name	Batch	Matrix	Date Received	Date Tested	Serving size weight
MCR-S19-01117	MCT Tincture C =	N/A	MIP	10 January 2019	14-19 January 2019	N/A

The test results presented in this report are accurate, complete, and compliant with the MCR Labs quality control criteria.

Requested Testing:

Test	Code	Procedure	Analytes Tested
Microbiological Screen	MB	MCR-TM-0006	Bacterial (Total Aerobic, Total Coliform, Bile-Tolerant Gram Negative), Yeast and Mold, Pathogenic (E. coli, Salmonella)
Volatile Organics Screen	VC	MCR-TM-0007	Ethanol, Propane, Isobutane, N-butane, Hexane

Microbiological Screen [MCR-TM-0006] *Analyst: WS/VB* *Test Date: 16-19 Jan 19*

The sample was analyzed for microbiological contaminants via an automated Most Probable Number (MPN) methodology with cultured enrichments.

Test ID	Test Analysis	Results	Unit	Limits
19-01117-AC	Total Viable Aerobic Bacteria	<100	CFU/g	10 ⁵ CFU/g
19-01117-YM	Total Yeast and Mold	<100	CFU/g	10 ⁴ CFU/g
19-01117-CC	Total Coliforms	<100	CFU/g	10 ³ CFU/g
19-01117-EB	Total Bile-Tolerant Gram Negative Bacteria	<100	CFU/g	10 ³ CFU/g

Note: CFU = colony forming unit. Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 6.

Pathogenic Bacterial Screen [MCR-TM-0006] Analyst: PS Test Date: 19 Jan 19

The sample was analyzed for pathogenic bacterial contamination via an automated Enzyme Linked Fluorescent Assay (ELFA).

Test ID	Test Analysis	Result	Units	Limits
19-01117-ECPT	<i>E. coli (O157)</i>	Negative	N/A	Not Detected in 1 g
19-01117-SPT	<i>Salmonella</i>	Negative	N/A	Not Detected in 1 g

Note: Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 6. NT = Not tested.

VC Screen [MCR-TM-0007] Analyst: DO Test Date: 16 Jan 19

The sample was analyzed via Gas Chromatography – Flame Ionization Detection with Headspace Autosampler. The collected data was compared to data collected from certified analytical reference standards at known concentrations.

Test ID	Analyte	Result, ppm	LOD	LOQ	Limits, ppm
19-01117-VC	Propane	ND	33	110	12
19-01117-VC	Isobutane	ND	23	75	12
19-01117-VC	n-Butane	ND	24	79	12
19-01117-VC	Ethanol	ND	770	2568	5000
19-01117-VC	Hexane	ND	15	52	290

Note: ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation; BQL = Below Quantitation Limit; ppm = part per million. Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 7. The uncertainty budget for ethanol is 0.15 ppm; propane is 0.12 ppm; isobutane is 0.11 ppm; n-Butane is 0.10 ppm.

END OF REPORT



Agriculture and Food Testing Solutions

CERTIFICATE OF ANALYSIS

Certificate ID:
Client Sample ID:
Sample Description:
Receive sample:
Initiate analyses:

CS0171_18931_001_P
Full Spectrum
Black Vial
30-Nov-18
1-Dec-18

Green River Botanicals
36 Kel Co Rd
Candler, NC 28715
Attn: Chase Allen

Analyst: Steve Werness	Signature: <i>Steve Werness</i>	Date: 02 Dec 18
Reviewed by:	Signature: <i>Or M</i>	Date: 02 Dec 18

Analysis requested: Analysis of concentration of Pesticides in customer supplied material

Results:

Pesticide	Concentration Detected	Pesticide	Concentration Detected	Pesticide	Concentration Detected	Pesticide	Concentration Detected
3-hydroxycarbofuran	<10.0 ppb	Dimethomorph	<10.0 ppb	Linuron	<10.0 ppb	Pyrethrin I	<30.0 ppb
Acephate	<100.0 ppb	Dimoxystrobin	<10.0 ppb	Malathion	<10.0 ppb	Pyrethrin II	<30.0 ppb
Acequinocyl	<30.0 ppb	Diniconazole	<10.0 ppb	Mandipropamid	<10.0 ppb	Pyridaben	<10.0 ppb
Acetamiprid	<10.0 ppb	Dinotefuran	<10.0 ppb	Mefenacet	<10.0 ppb	Pyriproxyfen	<10.0 ppb
Aldicarb	<30.0 ppb	Diuron	<10.0 ppb	Mepanipyrim	<10.0 ppb	Quinoxifen	<10.0 ppb
Aldicarb Sulfoxide	<10.0 ppb	Emamectin B1a	<10.0 ppb	Mepronil	<10.0 ppb	Rotenone	<10.0 ppb
Aldoxycarb	<10.0 ppb	Epoxiconazole	<10.0 ppb	Metaflumizone	<10.0 ppb	Siduron	<10.0 ppb
Aminocarb	<10.0 ppb	Ethiofencarb	<10.0 ppb	Metaxalyl	<10.0 ppb	Spinetoram	<10.0 ppb
Azoxystrobin	<10.0 ppb	Ethiprole	<10.0 ppb	Metconazole	<10.0 ppb	Spinosad A	<10.0 ppb
Benalaxyl	<10.0 ppb	Ethoprophos	<10.0 ppb	Methabenzthiazuron	<10.0 ppb	Spinosyn D	<10.0 ppb
Bendiocarb	<10.0 ppb	Etoxazole	<10.0 ppb	Methamidophos	<10.0 ppb	Spiromesifen	<30.0 ppb
Bifenazate	<10.0 ppb	Fenamidone	<10.0 ppb	Methiocarb	<10.0 ppb	Spirotetramat	<10.0 ppb
Bitertanol	<10.0 ppb	Fenarimol	<10.0 ppb	Methomyl	<10.0 ppb	Sulfentrazone	<10.0 ppb
Boscalid	<10.0 ppb	Fenazaquin	<10.0 ppb	Methoprotryne	<10.0 ppb	Tebuconazole	<10.0 ppb
Bromuconazole Isomer 1	<10.0 ppb	Fenbuconazole	<10.0 ppb	Methoxyfenozide	<10.0 ppb	Tebufenozide	<10.0 ppb
Bromuconazole Isomer 2	<10.0 ppb	Fenhexamid	<10.0 ppb	Methyl parathion	<10.0 ppb	Tebufenpyrad	<10.0 ppb
Bupirimate	<10.0 ppb	Fenobucarb	<10.0 ppb	Metobromuron	<10.0 ppb	Tebuthiuron	<10.0 ppb
Butafenacil	<10.0 ppb	Fenoxycarb	<10.0 ppb	Metribuzin	<10.0 ppb	Temephos	<10.0 ppb
Captan	<100.0 ppb	Fenpyroximate	<10.0 ppb	Mevinphos	<10.0 ppb	Tetraconazole	<10.0 ppb
Carbaryl	<10.0 ppb	Fenuron	<10.0 ppb	Mexacarbate	<10.0 ppb	Thiacloprid	<10.0 ppb
Carbendazim	<10.0 ppb	Fipronil	<10.0 ppb	Monocrotophos	<10.0 ppb	Thiamethoxam	<10.0 ppb
Carbetamide	<10.0 ppb	Fonicamid	<30.0 ppb	Monolinuron	<10.0 ppb	Thidiazuron	<10.0 ppb
Carbofuran	<10.0 ppb	Fluazinam	<10.0 ppb	Myclobutanil	<10.0 ppb	Thiobencarb	<10.0 ppb
Carboxin	<10.0 ppb	Fludioxonil	<10.0 ppb	Neburon	<10.0 ppb	Thiophanate-methyl	<10.0 ppb
Carfentrazone-ethyl	<30.0 ppb	Flufenacet	<10.0 ppb	Nitenpyram	<10.0 ppb	Triadimefon	<10.0 ppb
Chloantraniliprole	<10.0 ppb	Fluometuron	<10.0 ppb	Novaluron	<10.0 ppb	Triadimenol	<10.0 ppb
Chlorotoluron	<10.0 ppb	Fluoxastrobin	<10.0 ppb	Omethoate	<10.0 ppb	Trichlorfon	<10.0 ppb
Chloroxuron	<10.0 ppb	Fluquinconazole	<10.0 ppb	Oxadixyl	<10.0 ppb	Tricyclazole	<10.0 ppb
Chlorpyrifos	<10.0 ppb	Flusilazole	<10.0 ppb	Oxamyl	<10.0 ppb	Trifloxystrobin	<10.0 ppb
Clethodim Isomer 1	<10.0 ppb	Flutolanil	<10.0 ppb	Pacllobutrazol	<10.0 ppb	Triflumizole	<10.0 ppb
Clethodim Isomer 2	<10.0 ppb	Flutrafol	<10.0 ppb	Penconazole	<10.0 ppb	Triflururon	<10.0 ppb
Clofentazine	<10.0 ppb	Formetanate	<10.0 ppb	Pentachlorobenzene	<10.0 ppb	Triticonazole	<10.0 ppb
Clothianidin	<10.0 ppb	Fuberidazole	<10.0 ppb	Picoxystrobin	<10.0 ppb	Vamidothion	<10.0 ppb
Coumaphos	<10.0 ppb	Furalaxyl	<10.0 ppb	Piperonyl Butoxide	<10.0 ppb	Zoxamide	<10.0 ppb
Cyazofamid	<10.0 ppb	Furathiocarb	<10.0 ppb	Pirimicarb	<10.0 ppb		
Cyfluron	<10.0 ppb	Hexaconazole	<10.0 ppb	Prallethrin	<10.0 ppb		
Cyproconazole	<10.0 ppb	Hexaflumuron	<10.0 ppb	Prochloraz	<10.0 ppb		
Cyromazine	<10.0 ppb	Hexythiazox	<10.0 ppb	Promecarb	<10.0 ppb		
Daminozide	<10.0 ppb	Imazalil	<10.0 ppb	Prometon	<10.0 ppb		
Diazinon	<10.0 ppb	Imidacloprid	<10.0 ppb	Propamocarb	<10.0 ppb		
Dichlorvos	<100.0 ppb	Indoxacarb	<10.0 ppb	Propargite	<100.0 ppb		
Diclotophos	<10.0 ppb	Ipconazole	<10.0 ppb	Propiconazole	<10.0 ppb		
Diethofencarb	<10.0 ppb	Iprovalicarb	<10.0 ppb	Propoxur	<10.0 ppb		
Difenoconazole	<10.0 ppb	Isoprocarb	<10.0 ppb	Pymetrozine	<10.0 ppb		
Diflubenzuron	<10.0 ppb	Isoproturon	<10.0 ppb	Pyracarbolid	<10.0 ppb		
Dimethoate	<10.0 ppb	Kresoxym-methyl	<10.0 ppb	Pyraclostrobin	<10.0 ppb		

*NR: Not reportable due to interference

Avazyme warrants that this study was performed in accordance with appropriate laboratory research practices and protocols. Avazyme warrants that this study was performed in accordance with appropriate laboratory research practices and protocols. Avazyme is not responsible for Sponsor's use of the information or concepts generated as part of the study, and will not be liable for any loss or damage resulting from such use.



Agriculture and Food Testing Solutions

CERTIFICATE OF ANALYSIS

Certificate ID: CS0171_18931_001_M
Client Sample ID: Full Spectrum
Sample Description: Black Vial
Receive sample: 30-Nov-18
Initiate analyses: 3-Dec-18

Green River Botanicals
36 Kel Co Rd
Candler, NC 28715
Attn:Chase Allen

Analyst: Jacob Edwards	Signature: <i>J Edwards</i>	Date: 5 Dec 18
Reviewed by:	Signature: <i>Steph e W...</i>	Date: 05 Dec 18

Analysis requested: Analysis of concentration of mycotoxins in customer supplied material

Results:

Mycotoxin	Concentration Detected
BMAA	<10.0 ppb
B1 Fumonisin	<10.0 ppb
B2 Fumonisin	<10.0 ppb
15-Acetyl-DON	<10.0 ppb
3-Acetyl-DON	<10.0 ppb
DON (Deoxynivalenol)	<10.0 ppb
NIV (Nivalenol)	<10.0 ppb
Cytochalasin B	<10.0 ppb
Cytochalasin D	<10.0 ppb
Cytochalasin A	<10.0 ppb
Cytochalasin E	<10.0 ppb
Aflatoxin G2	<10.0 ppb
Aflatoxin G1	<10.0 ppb
Aflatoxin B1	<10.0 ppb
Aflatoxin B2	<10.0 ppb
Zearalenone	<10.0 ppb
Tenuazonic Acid	<10.0 ppb
DAS (Diacetoxyscirpenol)	<10.0 ppb
MON (Moniliformin)	<10.0 ppb
T2	<10.0 ppb
Ochratoxin A	<10.0 ppb

ppb = ng/g

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Agriculture and Food Testing Solutions

CERTIFICATE OF ANALYSIS

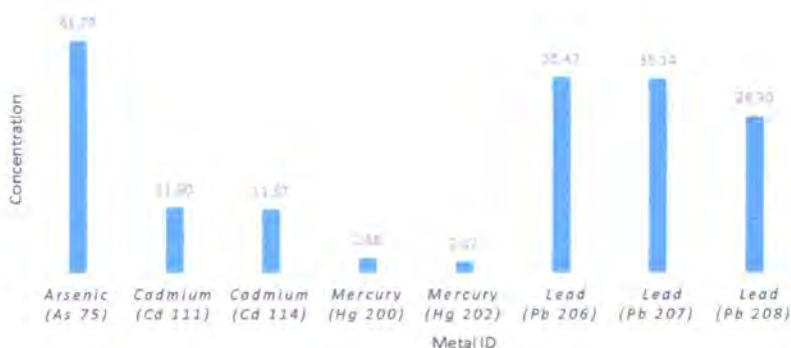
Certificate ID: CS0171_18931_001_HM
Client Sample ID: Full Spectrum
Sample Description: Black Vial
Receive sample: 30-Nov-18
Initiate analyses: 30-Nov-18

Green River Botanicals
36 Kel Co Rd
Candler, NC 28715
Attn:Chase Allen

Analyst: Daren Stephens	Signature: <i>[Signature]</i>	Date: 18 DEC 18
Reviewed by:	Signature: <i>[Signature]</i>	Date: 18 DEC 18

Test Type: Heavy Metal Content
Technical Procedure: TP A0036-01

Results:



Chemical Analyzed	Concentration (ppb)
Arsenic (As 75)	41.79
Cadmium (Cd 111)	11.90
Cadmium (Cd 114)	11.57
Mercury (Hg 200)	2.68
Mercury (Hg 202)	2.12
Lead (Pb 206)	35.47
Lead (Pb 207)	35.14
Lead (Pb 208)	28.30

Concentration of metals was determined by ICP-MS with an Avazyme intra lab validated method utilizing certified reference standards for each chemical analyzed.

Avazyme warrants that this study was performed in accordance with appropriate laboratory research practices and protocols.

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